

# TRAINING OVERVIEW

## SMED – SINGLE MINUTE EXCHANGE OF DIE



### CONTENT / REMARKS

- Introduction to Lean Manufacturing
- SMED Fundamentals
- Step 1 - Observe
- Step 2 – Separate
- Step 3 – Convert
- Step 4 – Reduce
- Examples & Effects
- Change over standardization

#### On site training / Kaizen week:

- Onsite real changeover analysis (1 week), ensure reduction of changeover time during week application
- Self financing (Cost saving)

#### Online / remote training:

- Change over simulation and real examples for better understanding.
- Perspectives from different companies and industries



### TARGET GROUP

Project Management

Engineering

Quality

Logistics

Production

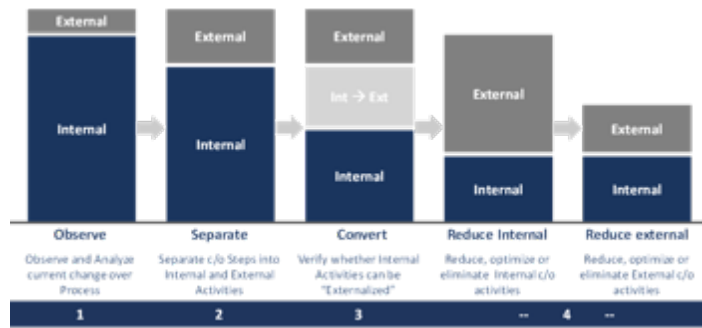
Maintenance



### TOP GOALS

- ✓ Reduction of stoppage time due to changeover
- ✓ Increase of OEE indicators
- ✓ Reduction of set up downtimes
- ✓ Increase quality level
- ✓ Increase of production flexibility
- ✓ Machine set up standardization

#### SMED steps



### INITIAL SITUATION

- Long change over time
- High inventory levels
- Untrained Technicians in change overs
- Extensive Set up time (hours not minutes)
- Extra time due to poor machine availability
- High scrap due to machine configuration after change overs.